

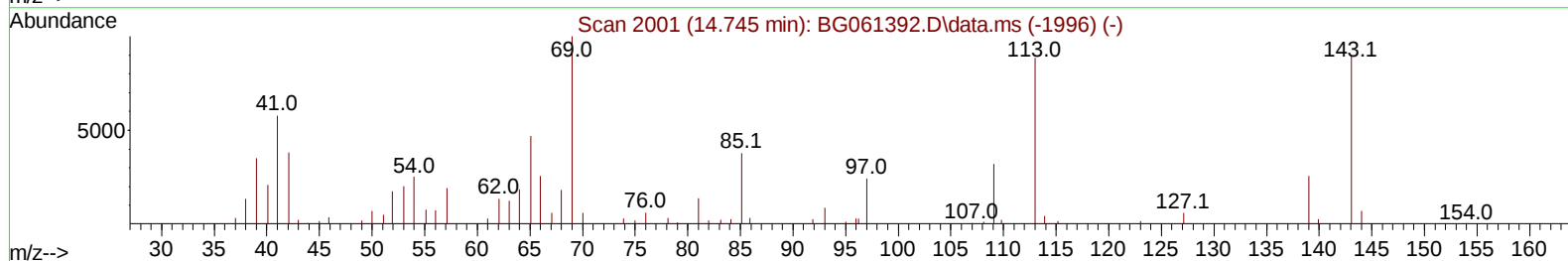
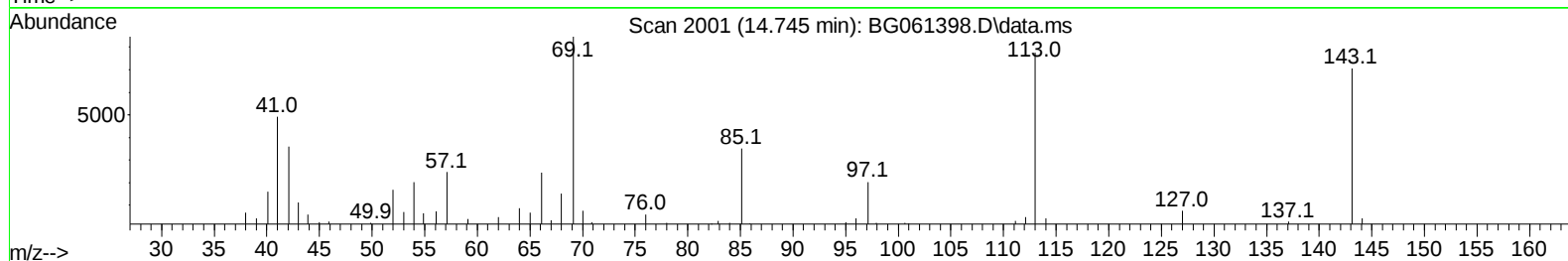
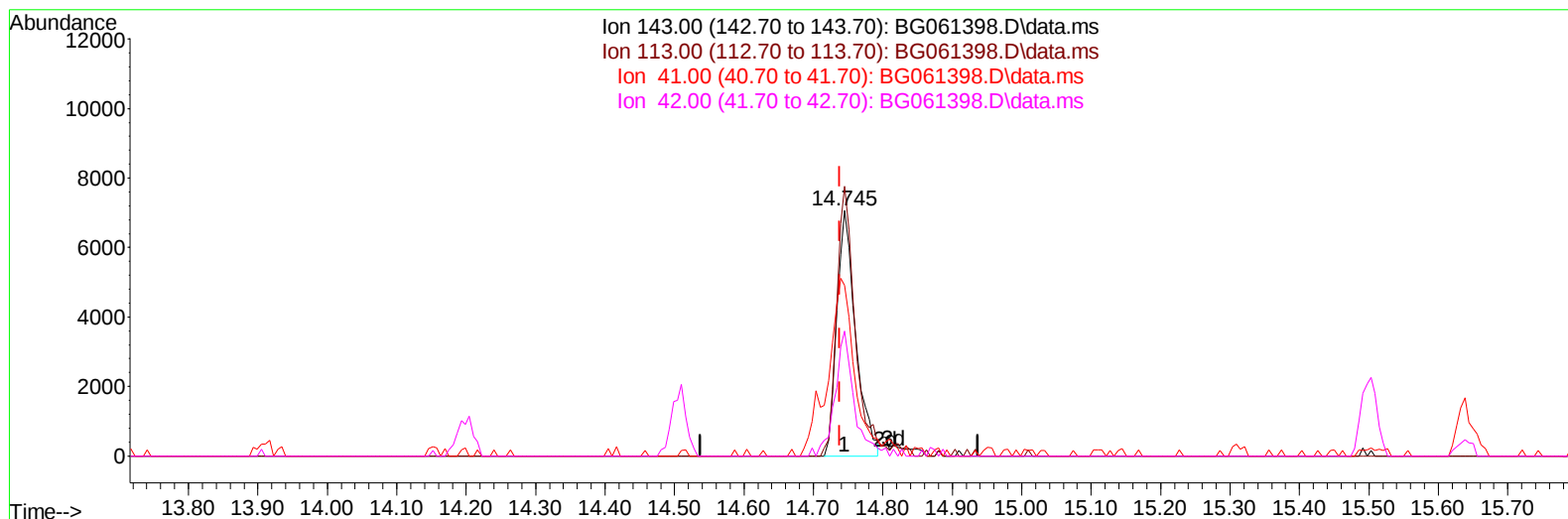
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061398.D
Acq On : 31 May 2024 18:12
Operator : MA/JU
Sample : P2588-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:51:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 18.76 ng/u1

response 13330

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	109.75
41.00	77.10	69.45
42.00	49.50	50.76

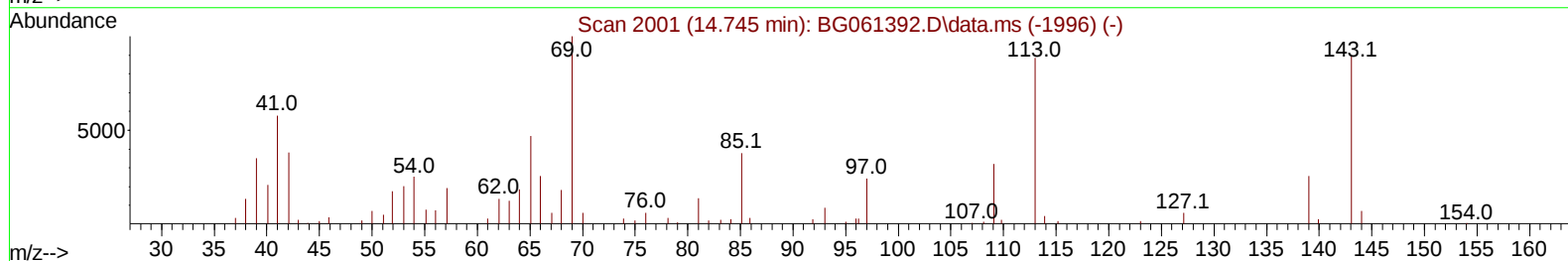
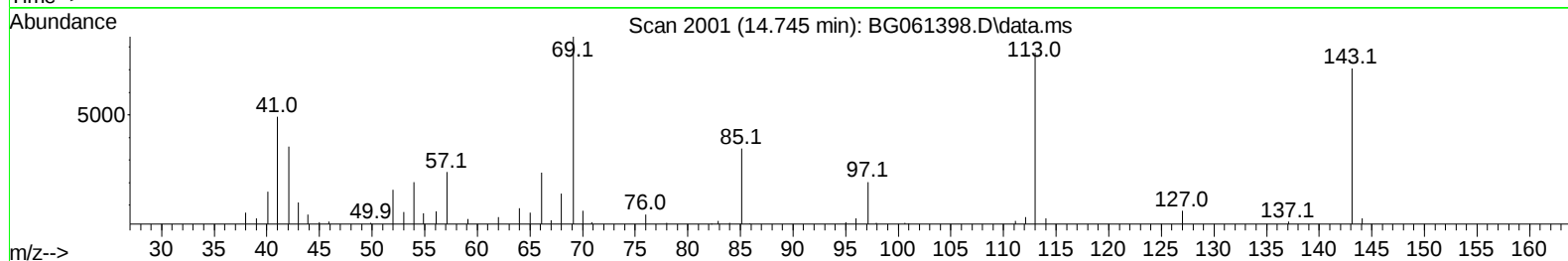
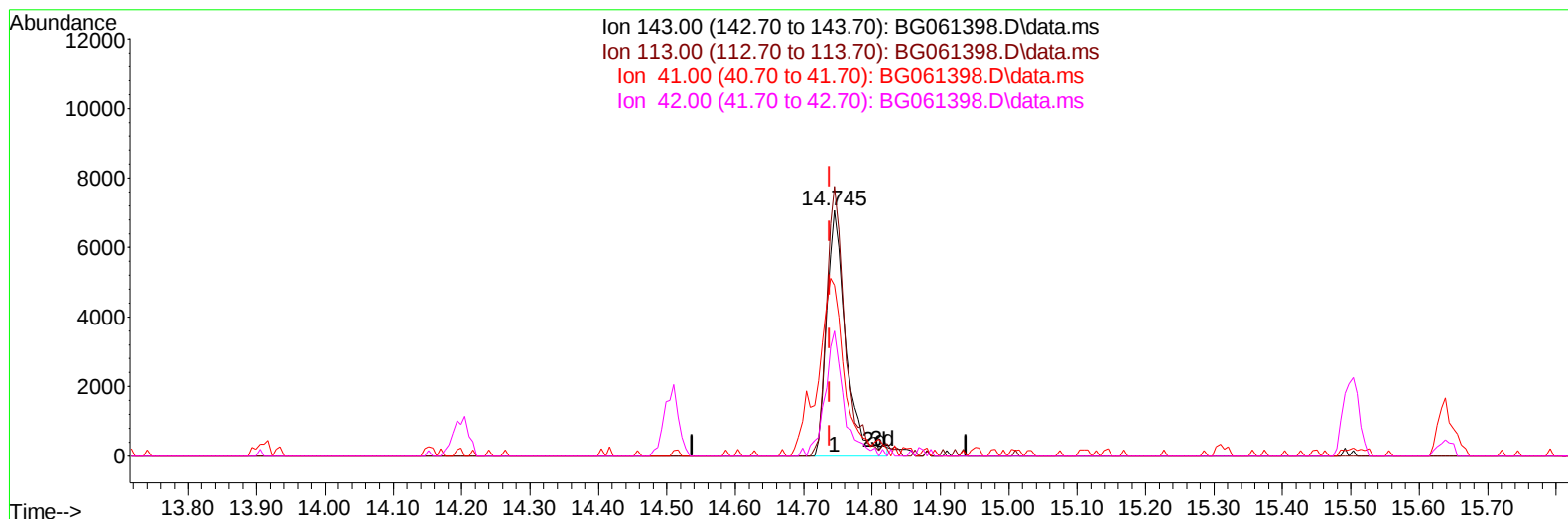
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061398.D
Acq On : 31 May 2024 18:12
Operator : MA/JU
Sample : P2588-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:51:06 2024
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 19.66 ng/ul m

response 13966

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	109.75
41.00	77.10	69.45
42.00	49.50	50.76

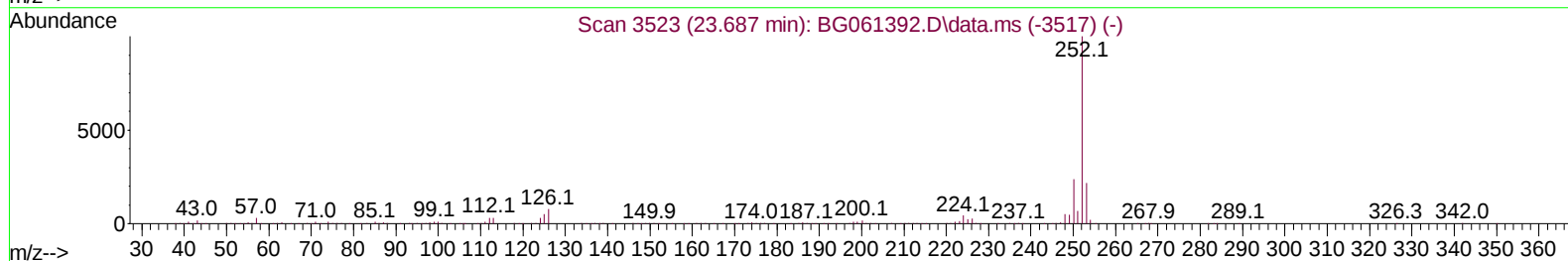
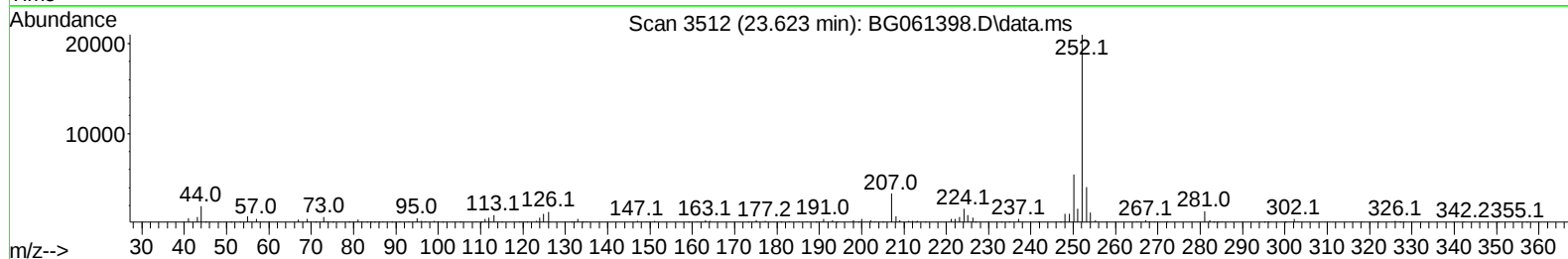
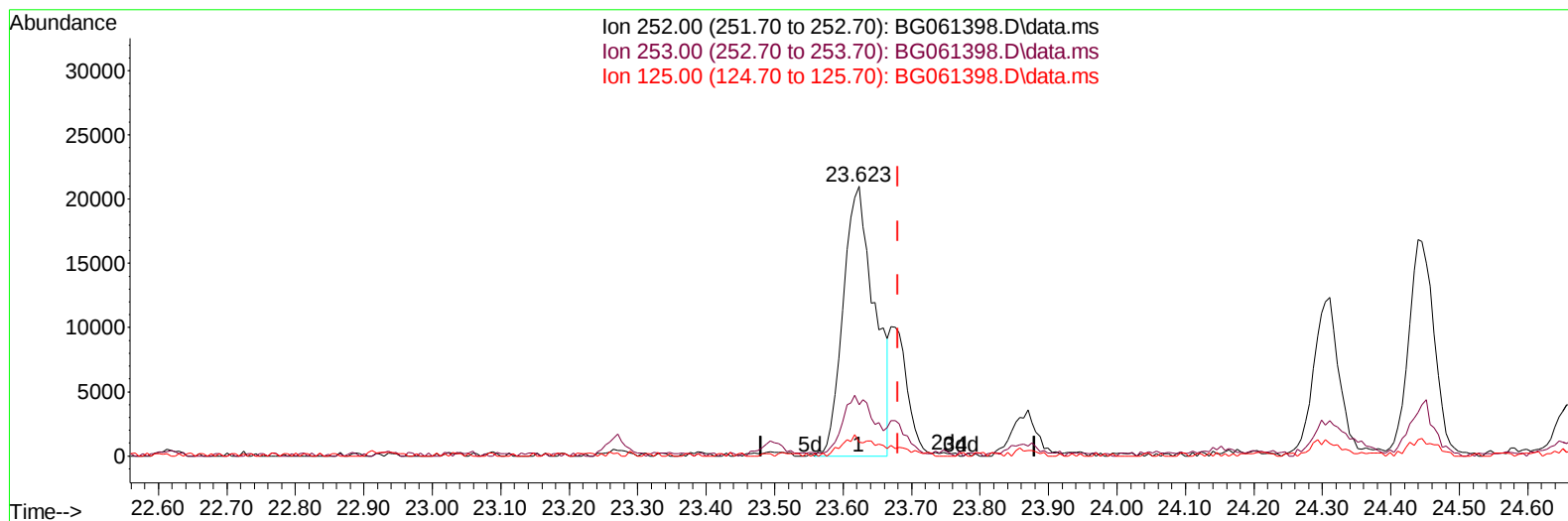
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061398.D
 Acq On : 31 May 2024 18:12
 Operator : MA/JU
 Sample : P2588-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(91) Benzo(k)fluoranthene

23.623min (-0.057) 4.90 ng/u1

response 66964

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	19.11
125.00	5.40	5.00
0.00	0.00	0.00

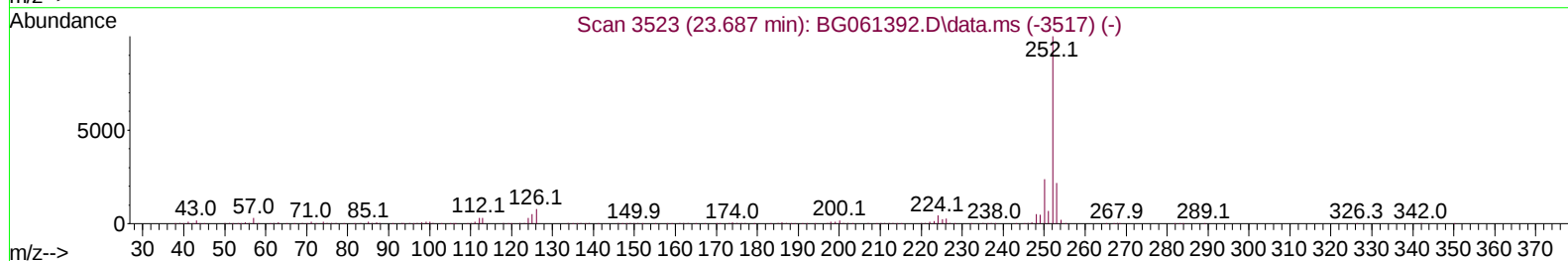
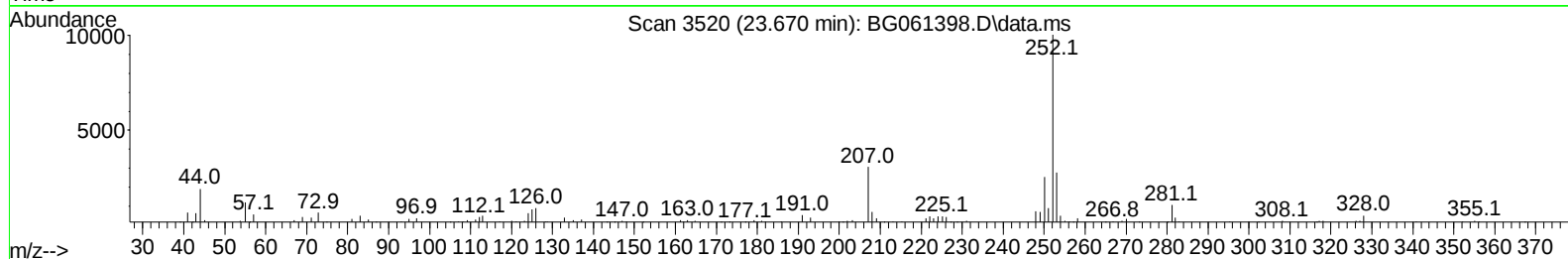
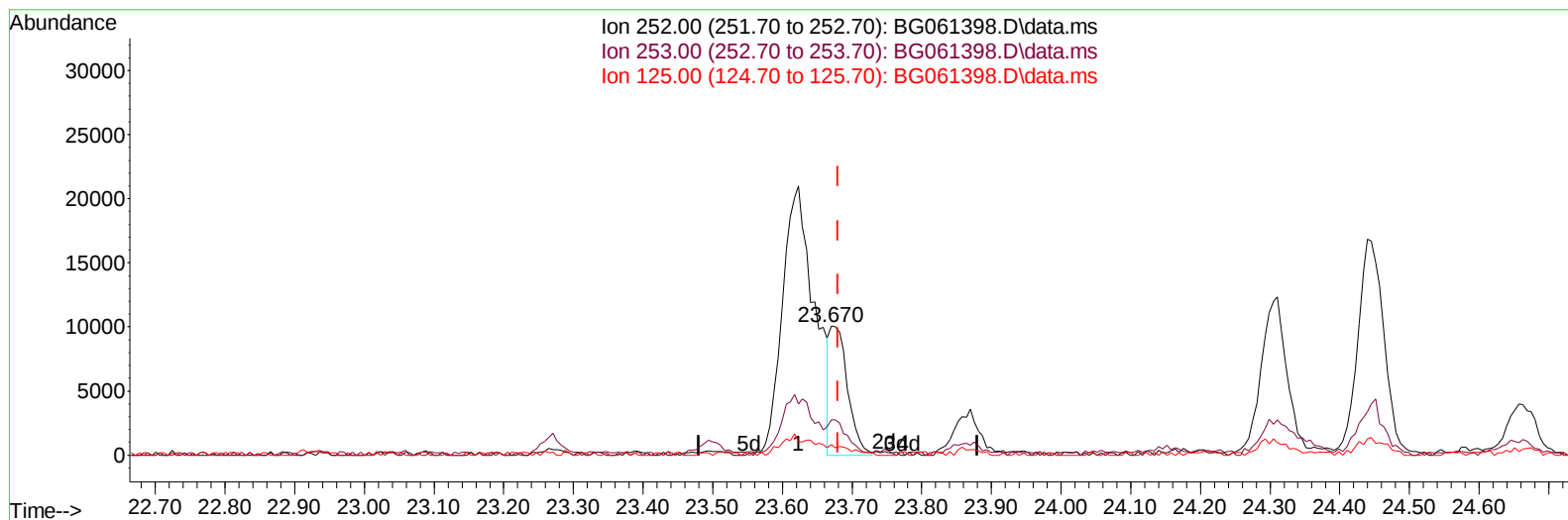
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061398.D
Acq On : 31 May 2024 18:12
Operator : MA/JU
Sample : P2588-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(91) Benzo(k)fluoranthene

23.670min (-0.010) 1.31 ng/ul m

response 17855

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	27.52#
125.00	5.40	8.22#
0.00	0.00	0.00

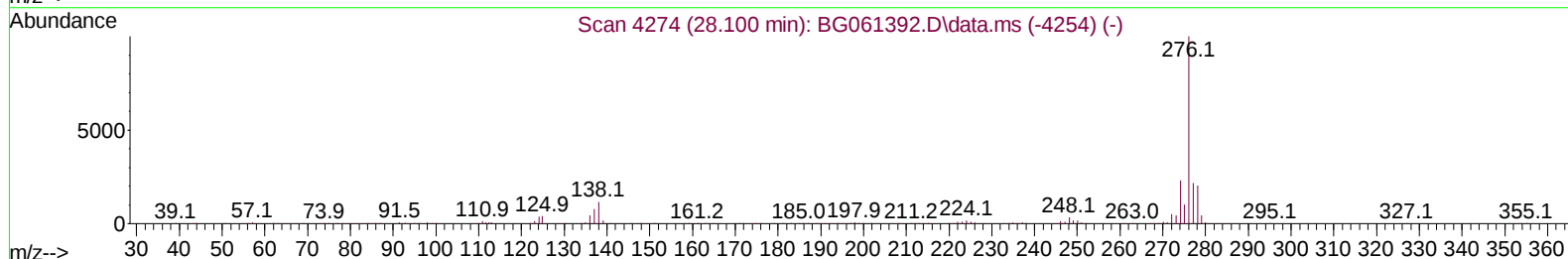
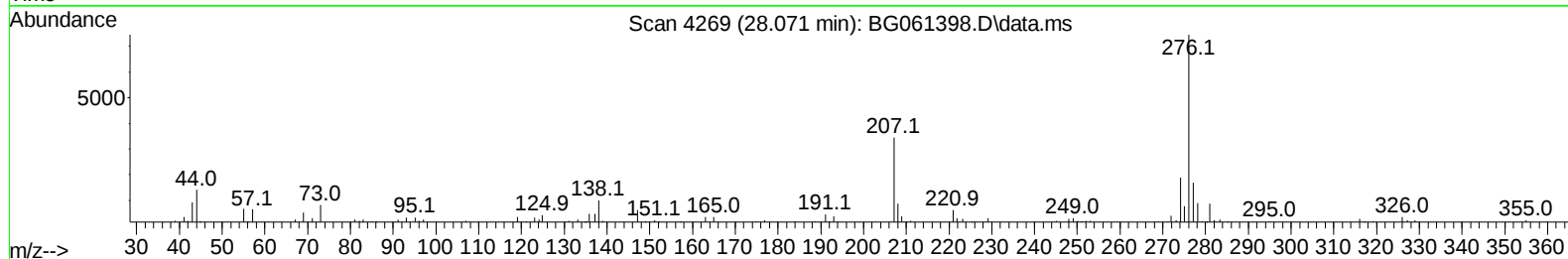
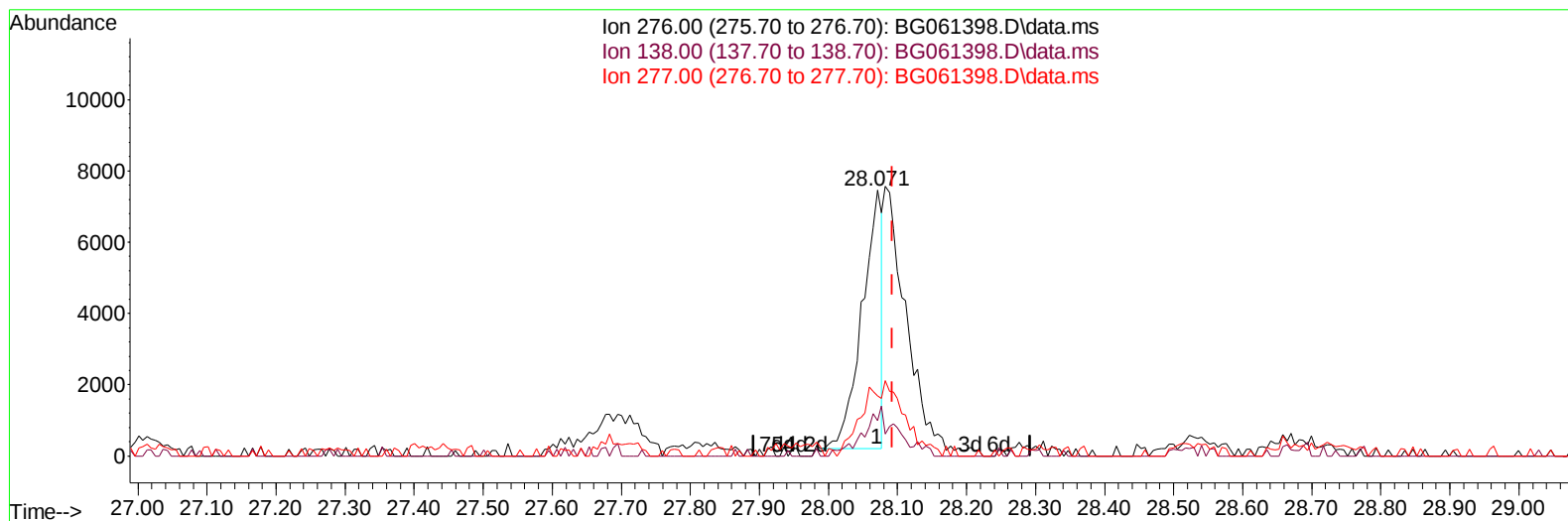
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061398.D
 Acq On : 31 May 2024 18:12
 Operator : MA/JU
 Sample : P2588-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061398.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.071min (-0.022) 0.94 ng/u1

response 14522

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	13.39#
277.00	24.60	22.72
0.00	0.00	0.00

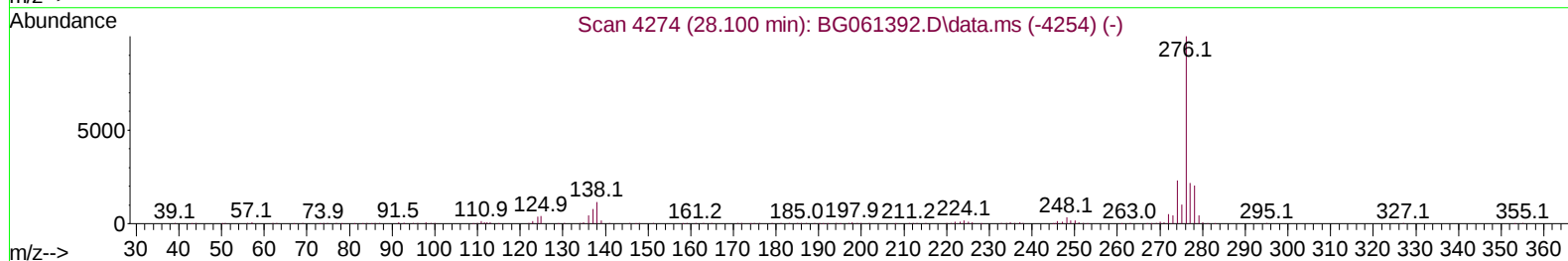
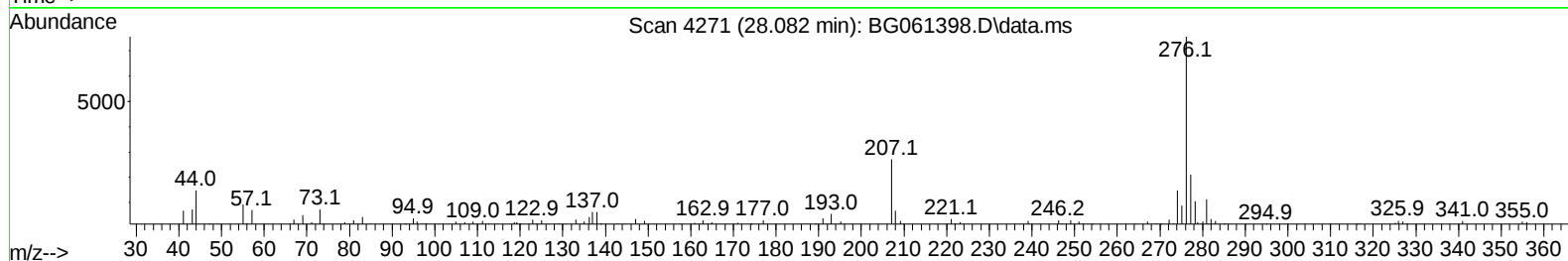
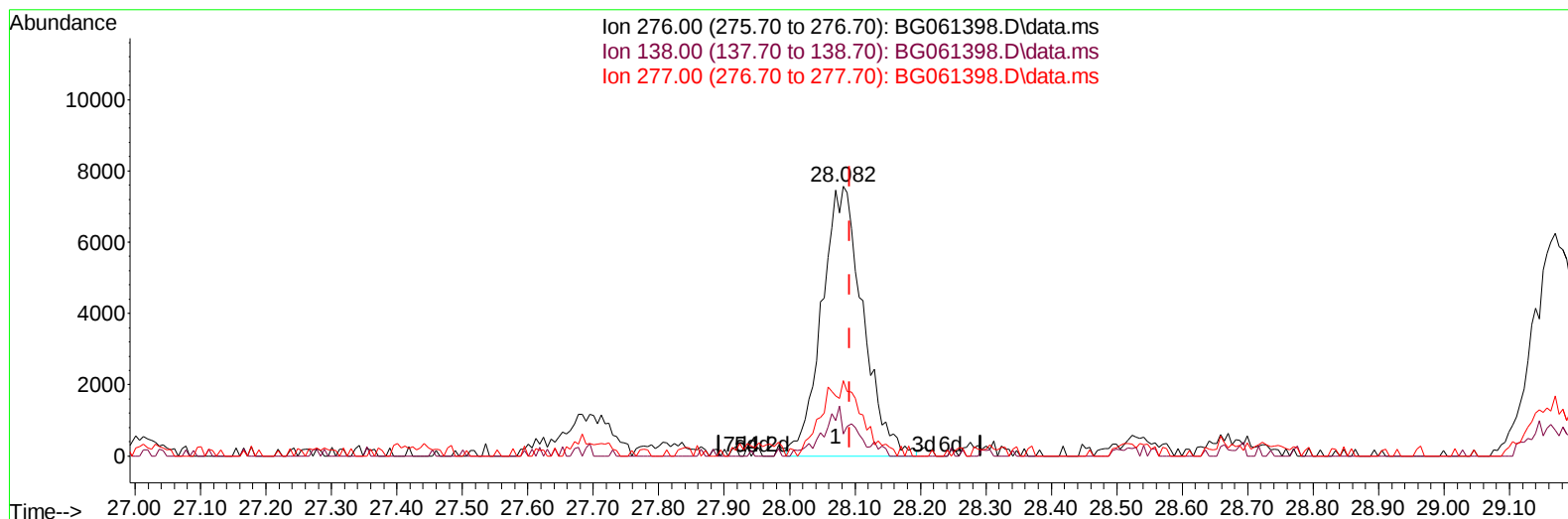
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061398.D
Acq On : 31 May 2024 18:12
Operator : MA/JU
Sample : P2588-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.082min (-0.010) 2.13 ng/ul m

response 32880

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	8.17#
277.00	24.60	27.96
0.00	0.00	0.00

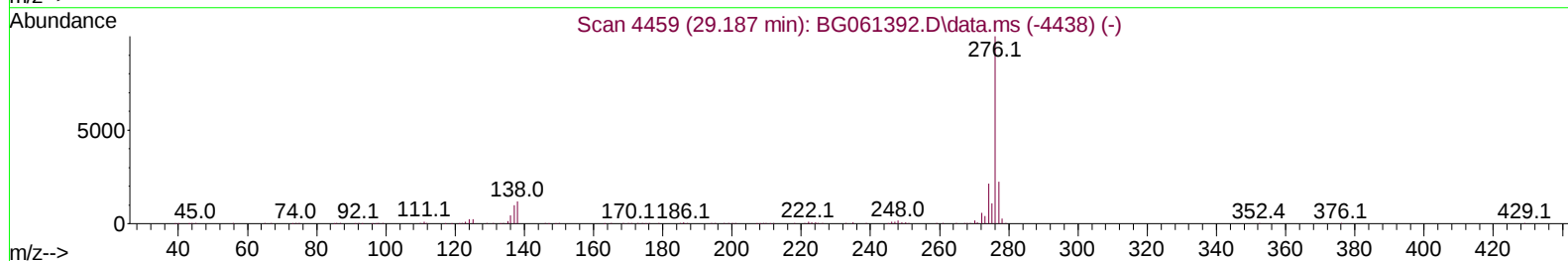
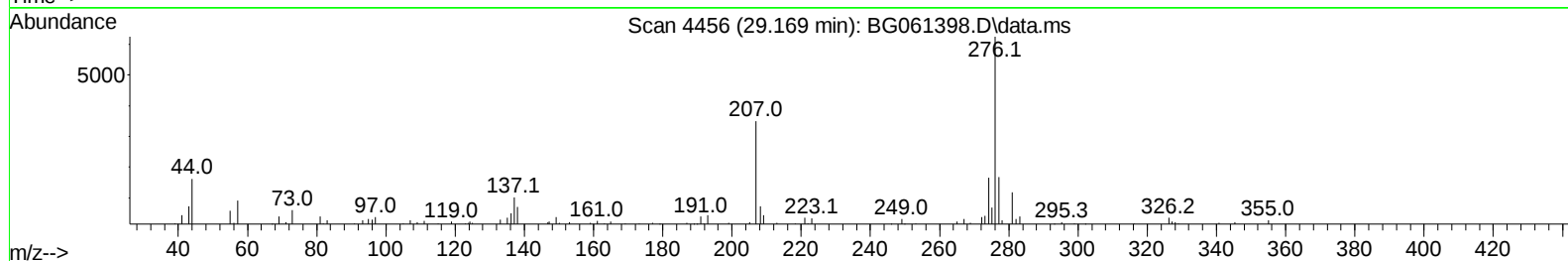
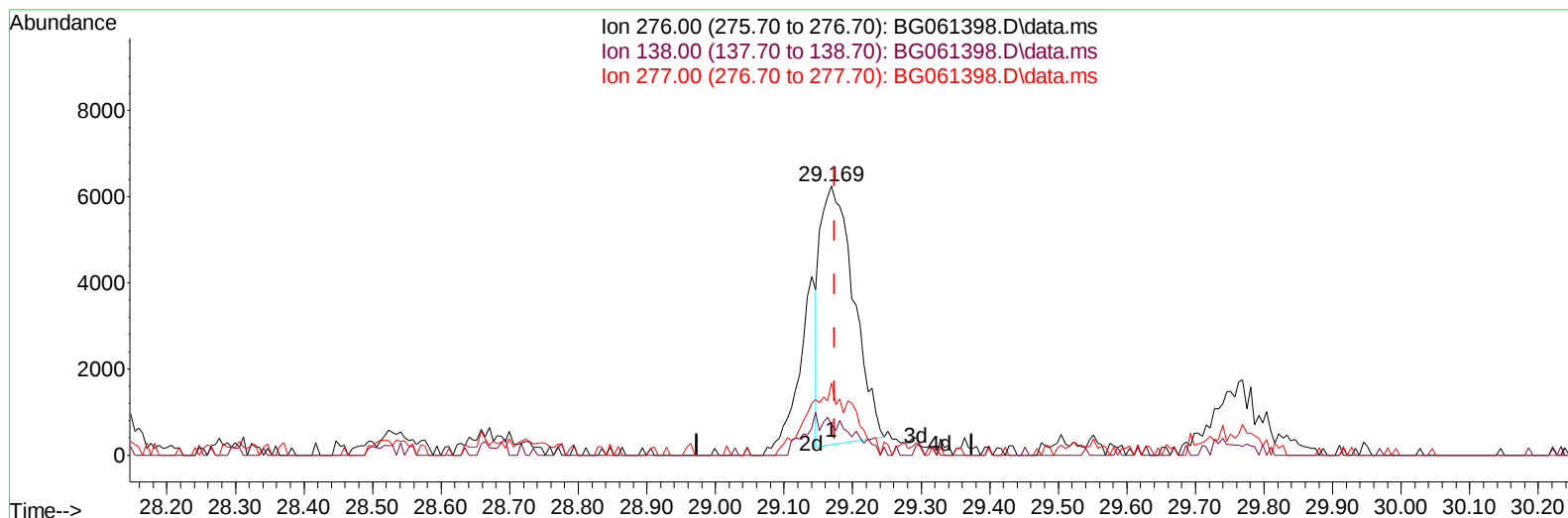
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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 Acq On : 31 May 2024 18:12
 Operator : MA/JU
 Sample : P2588-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S6

Manual IntegrationsAPPROVED

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TIC: BG061398.D\data.ms

(96) Benzo(g,h,i)perylene

29.169min (-0.004) 1.64 ng/u1

response 20210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.50
277.00	22.70	26.88
0.00	0.00	0.00

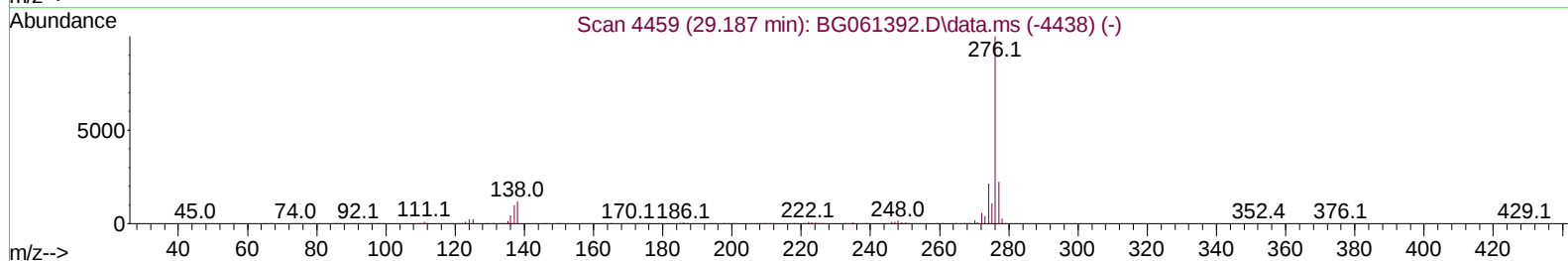
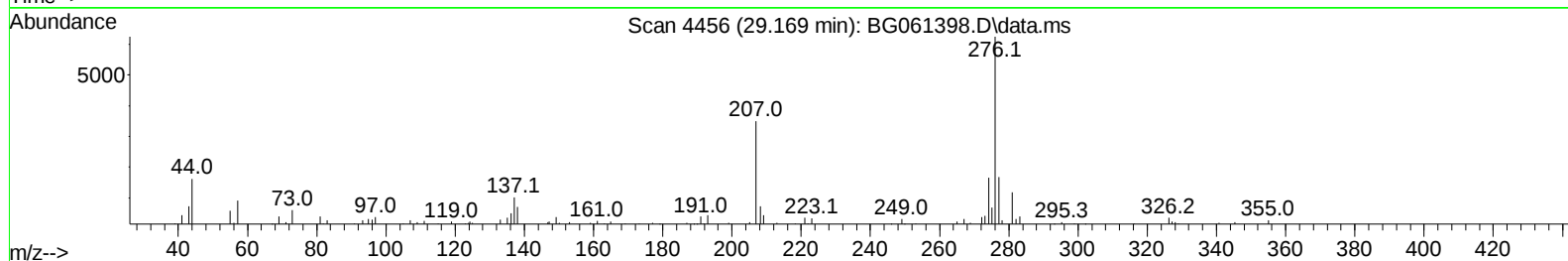
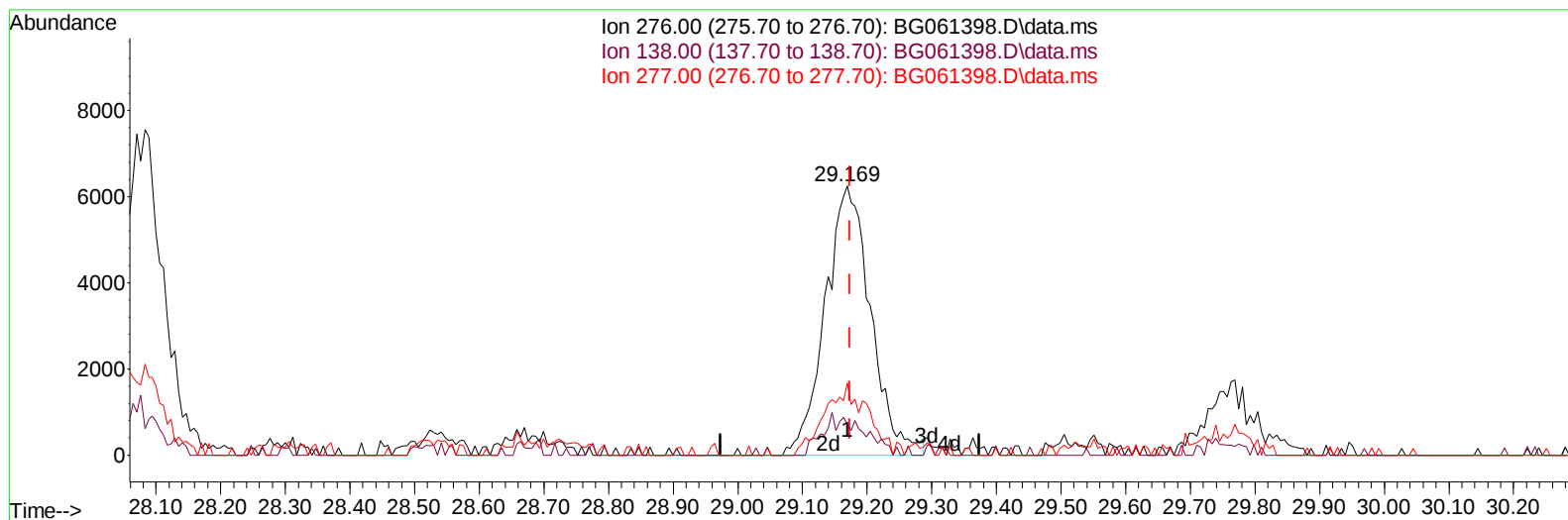
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061398.D
Acq On : 31 May 2024 18:12
Operator : MA/JU
Sample : P2588-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 18:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061398.D\data.ms

(96) Benzo(g,h,i)perylene

29.169min (-0.004) 2.48 ng/u1 m

response 30456

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.50
277.00	22.70	26.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061398.D
 Acq On : 31 May 2024 18:12
 Operator : MA/JU
 Sample : P2588-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5S6

Manual IntegrationsAPPROVED

Quant Time: May 31 23:39:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	24164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	95134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	74086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.254	188	188488	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.508	240	200359	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	226148	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1052	2.436	ng/uL	0.00
4) Pyridine-d5	3.740	84	16827	10.954	ng/ul	0.00
7) Phenol-d5	7.054	99	29288	14.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	15774	12.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	19216	13.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	21603	12.767	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	10687	14.590	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	12469	14.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	28071	16.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	29772	13.617	ng/ul	0.00
46) Dimethylphthalate-d6	13.911	166	104694	18.220	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	108851	18.222	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13966m	19.660	ng/ul	0.00
60) Fluorene-d10	15.503	176	101508	20.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18704	16.407	ng/ul	0.00
73) Anthracene-d10	17.354	188	191454	23.039	ng/ul	0.00
81) Pyrene-d10	19.651	212	247837	24.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	266587	24.520	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	34728	3.796	ng/ul	97
80) Fluoranthene	19.316	202	87621	7.100	ng/ul	99
82) Pyrene	19.681	202	79912	6.238	ng/ul	98
85) Benzo(a)anthracene	21.490	228	43687	3.160	ng/ul	97
87) Chrysene	21.555	228	47804	3.755	ng/ul	96
90) Benzo(b)fluoranthene	23.623	252	66964	4.973	ng/ul	94
91) Benzo(k)fluoranthene	23.670	252	17855m	1.306	ng/ul	
93) Benzo(a)pyrene	24.440	252	44235	3.460	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.082	276	32880m	2.127	ng/ul	
96) Benzo(g,h,i)perylene	29.169	276	30456m	2.476	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual IntegrationsAPPROVED

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